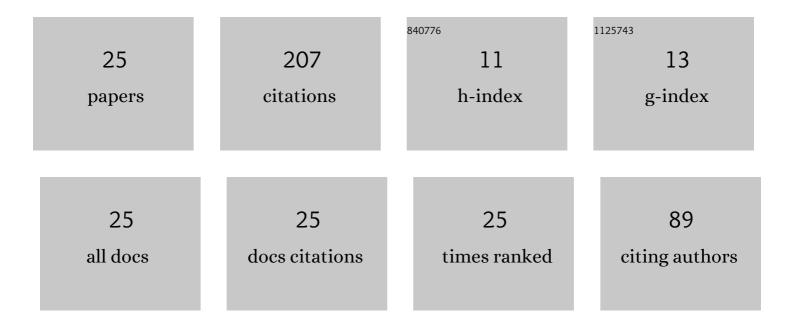
Arijit Misra

List of Publications by Year in descending order

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Δριμτ Μιςρλ

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Integrated source-free all optical sampling with a sampling rate of up to three times the RF bandwidth of silicon photonic MZM. Optics Express, 2019, 27, 29972. | 3.4 | 29 |
| 2 | Eight-Channel Silicon-Photonic Wavelength Division Multiplexer With 17 GHz Spacing. IEEE Journal of Selected Topics in Quantum Electronics, 2019, 25, 1-10. | 2.9 | 28 |
| 3 | Agnostic sampling transceiver. Optics Express, 2021, 29, 14828. | 3.4 | 19 |
| 4 | Nonlinearity- and dispersion- less integrated optical time magnifier based on a high-Q SiN microring resonator. Scientific Reports, 2019, 9, 14277. | 3.3 | 17 |
| 5 | Orthogonal Full-Field Optical Sampling. IEEE Photonics Journal, 2019, 11, 1-9. | 2.0 | 17 |
| 6 | Photonic Arbitrary Waveform Generation With Three Times the Sampling Rate of the Modulator Bandwidth. IEEE Photonics Technology Letters, 2020, 32, 1544-1547. | 2.5 | 15 |
| 7 | Analysis of Non-Idealities in the Generation of Reconfigurable Sinc-Shaped Optical Nyquist Pulses. IEEE Access, 2021, 9, 76286-76295. | 4.2 | 13 |
| 8 | Photonic Microwave Frequency Measurement With High Accuracy and Sub-MHz Resolution. Journal of Lightwave Technology, 2022, 40, 2748-2753. | 4.6 | 13 |
| 9 | High-Bandwidth Arbitrary Signal Detection Using Low-Speed Electronics. IEEE Photonics Journal, 2022, 14, 1-7. | 2.0 | 13 |
| 10 | Brillouin-scattering-induced transparency enabled reconfigurable sensing of RF signals. Photonics Research, 2021, 9, 1486. | 7.0 | 11 |
| 11 | Reconfigurable and real-time high-bandwidth Nyquist signal detection with low-bandwidth in silicon photonics. Optics Express, 2022, 30, 13776. | 3.4 | 11 |
| 12 | Integrated High-Resolution Optical Spectrum Analyzer With Broad Operational Bandwidth. IEEE Photonics Technology Letters, 2020, 32, 1061-1064. | 2.5 | 5 |
| 13 | Optical convolution with a rectangular frequency comb for almost ideal sampling. , 2019, , . | | 5 |
| 14 | Compact and Energy-Efficient Forward-Biased PN Silicon Mach-Zehnder Modulator. IEEE Photonics Journal, 2022, 14, 1-7. | 2.0 | 5 |
| 15 | Modulation Format Aggregation of Nyquist channels by Spectral Superposition with Electro-Optic Modulators. , 2022, , . | | 3 |
| 16 | High-speed Silicon Mach-Zehnder Modulator with Corrugated Waveguides for Data Center Interconnects. , 2021, , . | | 1 |
| 17 | Nyquist Data Transmission with Threefold Bandwidth of the Utilized Modulator. , 2020, , . | | 1 |
| 18 | Emulation of integrated high-bandwidth photonic AWG using low-speed electronics. , 2022, , . | | 1 |

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| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Nanofabrication of SOI-Based Photonic Waveguide Resonators for Gravimetric Molecule Detection. Proceedings (mdpi), 2018, 2, 1055. | 0.2 | 0 |
| 20 | Sinc-shaped, Nyquist Channel Demultiplexing with Silicon Photonics. , 2019, , . | | 0 |
| 21 | Integrated all optical sampling of microwave signals in silicon photonics. , 2019, , . | | Ο |
| 22 | Dispersionless time-lens with an integrated silicon nitride ring resonator. , 2019, , . | | 0 |
| 23 | Integrated high-resolution and broad-bandwidth optical spectrum analyzer. , 2020, , . | | 0 |
| 24 | Modulator-based sinc-sequence sampled time and frequency multiplexed QAM signal transmission. , 2021, , . | | 0 |
| 25 | Analysis of the effect of jitter and non-idealities on photonic digital-to-analog converters based on Nyquist pulses. , 2022, , . | | 0 |